

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/003587

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/22 H04Q7/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/224814 A1 (QU HAI ET AL) 4 December 2003 (2003-12-04) Page 1, paragraphs '0003! to '0011!; Page 1, paragraph '0015! to page 2, paragraph '0025!; Page 3, paragraphs '0027! to '0032! -----	1-22
Y	US 2002/152220 A1 (KANG YUN GYU ET AL) 17 October 2002 (2002-10-17) abstract Page 1, paragraphs '0002! to '0010!; Page 2, paragraph '0025! to page 3, paragraph '0036! figure 1 ----- --/--	1-22



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

19 August 2005

Date of mailing of the international search report

29. 08. 2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ANONYMOUS: "GSM/CDMA SMS SIM storage handling" RESEARCH DISCLOSURE, KENNETH MASON PUBLICATIONS, WESTBOURNE, GB, vol. 468, no. 13, April 2003 (2003-04), XP007132455 ISSN: 0374-4353 the whole document	1-22
A	EP 1 372 321 A (RESEARCH IN MOTION LIMITED) 17 December 2003 (2003-12-17) abstract page 2, line 33 - line 44 page 3, line 16 - line 45 page 6, line 14 - line 20 page 7, line 7 - line 50	1-22
X,P	US 2004/137955 A1 (ENGSTROM G. ERIC ET AL) 15 July 2004 (2004-07-15)	1-7, 14-16, 18-20,22
A,P	abstract  Page 1, paragraphs '0002!, '0005!, '0006!, '0013! to page 2, paragraph '0022!; page 2, paragraph '0025! to page 3, paragraph '0030! and paragraphs '0033! to '0035! figures 3,4	8-13,17, 21
X	US 2002/135462 A1 (NELS MICHAEL J ET AL) 26 September 2002 (2002-09-26) abstract page 1, paragraphs '0003! to '0008!, '0016! page 2, paragraph '0018! to page 4, paragraph '0046! page 5, paragraphs '0049! to '0051!	23-28
A	GB 2 382 683 A (* SKINKERS LIMITED) 4 June 2003 (2003-06-04) page 1, line 4 - page 2, line 22 page 3, line 24 - page 10, line 26 page 12, line 7 - page 13, line 2 page 16, line 7 - page 17, line 9	23-28
A	US 2003/040300 A1 (BODIC GWENAEL LE ET AL) 27 February 2003 (2003-02-27) page 3, paragraphs '0044! to '0057!  ----- -/--	23-28

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	<p>WO 2004/012470 A (QUALCOMM INCORPORATED) 5 February 2004 (2004-02-05) abstract page 1, paragraph '1004! to page 3, line 2 page 5, paragraph '1025! to page 9, line 4 page 14, paragraph '1062! to page 15, paragraph '1065! page 16, paragraph '1072! to page 17, paragraph '1075! -----</p>	23-27

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international application No.  
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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-22

defining a composite set of parameters for broadcast services and mapping parameters of broadcast messages received from different wireless communication systems to said set of parameters in order to provide transparent broadcast services in a multi-mode wireless device.

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2. claims: 23-28

defining sets of at least one broadcast service and receiving messages of said broadcast service on a time base in a wireless device.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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GB 2382683	A	04-06-2003	AU 2002349151 A1 WO 03049368 A2	17-06-2003 12-06-2003
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